

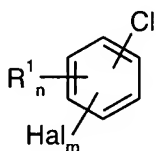
**Amendments to the Claims:**

**10/537801**  
 JC17 Rec'd PCT/PTO 07 JUN 2005

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. (Cancelled)
  
2. (Currently Amended)      The process of claim 1 wherein the substituted halogenated 1-chlorobenzenes has the structure



wherein

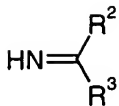
$R^1$  is halogen,  $C_1$ - $C_6$  alkyl,  $C_2$ - $C_6$  alkenyl,  $C_1$ - $C_6$  alkoxy,  $C_3$ - $C_6$  cycloalkyl,  $C_3$ - $C_6$  cycloalkyl  $C_1$ - $C_6$ alkyl or aryl;

Hal is fluorine or chlorine;

m is 1 or 2; and

n is 1 or 2.

3. (Currently Amended)      The process of claim 2 wherein the imine has the structure



wherein

R<sup>2</sup>, R<sup>3</sup> are independently aryl.

4. (Currently Amended) The process of ~~claims 2 or 3~~ claim 2, wherein  
R<sup>1</sup> is halogen or C<sub>1</sub>-C<sub>6</sub>-alkyl;  
m is 1;  
n is 1 or 2.
5. (Currently Amended) The process of ~~claims 2 to 4~~ claim 2, wherein the substituted halogenated 1-chlorobenzenes is 1-chloro-3,5-difluorobenzene.
6. (Currently Amended) The process of ~~claims 2 to 4~~ claim 2, wherein the substituted halogenated 1-chlorobenzenes is 1,3,5-trichlorobenzene.
7. (Currently Amended) The process of ~~claims 2 to 4~~ claim 2, wherein the substituted halogenated 1-chlorobenzenes is 2,6-dichlorotoluene.
8. (Currently Amended) The process of ~~claims 1 to 7~~ claim 16, wherein the base is an alkoxide salt.

9. (Original) The process of claim 8 wherein the alkoxide salt is sodium *tert*-butoxide.
10. (Currently Amended) The process of ~~claims 1 to 9~~ claim 16, wherein the transition metal catalyst complex is a platinum, palladium or nickel complex.
11. (Original) The process of claim 10, wherein the transition metal catalyst complex comprises a chelating ligand.
12. (Original) The process of claim 11, wherein the chelating ligand is a alkyl or aryl derivative of a phosphine or bisphosphine.
13. (Currently Amended) The process of claim 11, wherein the transition metal catalyst complex is ~~selected from~~  $\text{Pd}_2(\text{dba})_3/\text{dppf}$  or  $\text{Pd}_2(\text{dba})_3/\text{dppb}$ .
14. (Original) The process of claim 13, wherein the transition metal catalyst complex is  $\text{Pd}_2(\text{dba})_3/\text{dppf}$ .
15. (Original) The process of claim 13, wherein the transition metal catalyst complex is  $\text{Pd}_2(\text{dba})_3/\text{dppb}$ .
16. (New) A process for the preparation of a substituted halogenated 1-chlorobenzene, the process comprising

- (a) reacting a substituted halogenated 1-chlorobenzene with an imine in the presence of a transition metal catalyst and a base to form an n-aryl imine; and
  - (b) hydrolyzing the N-aryl imine to form the substituted halogenated aniline.
- 17. (New) The process of claim 16, including the further step of isolating the substituted halogenated aniline.
- 18. (New) A process for the preparation of 3,5-difluoroaniline comprising:
  - a) reacting 1-chloro-3,5-difluorobenzene with benzophenone in the presence of a palladium catalyst complex which comprises 1,1'-bis(diphenylphosphino) ferrocene (dppf) or 1,4-bis-diphenylphosphinobutane (dppb) to form an intermediate imine; and
  - (b) hydrolyzing with acid the intermediate imine to form 3,5-difluoroaniline.
- 19. (New) A method for the preparation of 3,5-dichloroaniline comprising:
  - a) reacting 1,3,5-trichlorobenzene with benzophenone imine in the presence of a palladium catalyst complex which comprises 1,1'-bis(diphenylphosphino) ferrocene (dppf) or 1,4-bis-diphenylphosphinobutane (dppb) to form an intermediate imine; and
  - (b) hydrolyzing with acid the intermediate imine to form 3,5-dichloroaniline.

20. (New) A process for the preparation of 3-chloro-2-methylaniline comprising;
- (a) reacting 2,6-dichlorotoluene with benzophenone imine in the presence of a palladium catalyst complex which comprises 1,1'-bis(diphenylphosphino) ferrocene (dppf) or 1,4-bis-diphenylphosphinobutane (dppb) for form an intermediate imine; and
  - (b) hydrolyzing with acid the intermediate imine to form 3-chloro-2-methylaniline.